

INTERNATIONAL SEARCH REPORT

International Application No
PCT/IB 03/05511

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 A61B5/055

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 G01R A61B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category [*]	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 02 26125 A (VITAL IMAGES INC) 4 April 2002 (2002-04-04) page 1, line 20 – line 23 page 9, line 1 – line 17 ---	1-3, 6, 8-11
A	EP 1 016 376 A (GEN ELECTRIC) 5 July 2000 (2000-07-05) page 4, line 33 – line 45 ---	7
X	EP 1 227 342 A (MEDINOL LTD) 31 July 2002 (2002-07-31) page 13, line 47 – page 14, line 4 page 13, line 33 – line 34 page 14, line 30 – line 35 ---	1, 2, 4, 6, 8-12
A	---	1, 4, 5, 8-10, 12
	---	7
	---	---

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the International filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the International filing date but later than the priority date claimed

- *T* later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- *&* document member of the same patent family

Date of the actual completion of the International search

3 March 2004

Date of mailing of the International search report

15/03/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL – 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Knüpling, M

INTERNATIONAL SEARCH REPORT

International Application No
PCT/IB 03/05511

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	NADKARNI S K ET AL: "Image-based retrospective cardiac gating for three-dimensional intravascular ultrasound imaging" MEDICAL IMAGING 2002: ULTRASONIC IMAGING AND SIGNAL PROCESSING, SAN DIEGO, CA, USA, 26-28 FEB. 2002, vol. 4687, pages 276-284, XP002272220 Proceedings of the SPIE - The International Society for Optical Engineering, 2002, SPIE-Int. Soc. Opt. Eng, USA ISSN: 0277-786X section 2.4.2 "Lumen tracking"	1,6,8-10
A	---	7
A	US 2002/095085 A1 (HARDY CHRISTOPHER J ET AL) 18 July 2002 (2002-07-18) paragraphs '0006!, '0030!, '0041! ---	1,2,4-12

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/IB 03/05511

Patent document cited in search report	Publication date	Patent family member(s)		Publication date
WO 0226125	A 04-04-2002	AU 9471101 A		08-04-2002
		CA 2423485 A1		04-04-2002
		EP 1322219 A2		02-07-2003
		WO 0226125 A2		04-04-2002
EP 1016376	A 05-07-2000	US 6226350 B1		01-05-2001
		EP 1016376 A2		05-07-2000
		JP 2000210282 A		02-08-2000
EP 1227342	A 31-07-2002	US 5924990 A		20-07-1999
		EP 1227342 A1		31-07-2002
		AT 236574 T		15-04-2003
		AU 757314 B2		13-02-2003
		AU 7307498 A		14-01-1999
		AU 8032298 A		04-01-1999
		BR 9814778 A		26-06-2001
		CA 2240651 A1		19-12-1998
		CZ 9801901 A3		13-10-1999
		DE 19827460 A1		24-12-1998
		DE 69813087 D1		15-05-2003
		DE 69813087 T2		05-02-2004
		DK 885594 T3		14-07-2003
		EE 9800196 A		15-02-1999
		EP 0885594 A2		23-12-1998
		ES 2192290 T3		01-10-2003
		GB 2326479 A , B		23-12-1998
		WO 9857580 A1		23-12-1998
		JP 11151246 A		08-06-1999
		NO 982817 A		21-12-1998
		PL 326831 A1		21-12-1998
		SG 68672 A1		16-11-1999
		SK 87098 A3		14-02-2000
		US 6152878 A		28-11-2000
		US 6095976 A		01-08-2000
US 2002095085	A1 18-07-2002	NONE		